

Title (en)

A substrate having hydrophobic moiety-repelling surface characteristics and process for preparing the same

Title (de)

Substrat mit hydrophobe Gruppen abstoßenden Oberflächeneigenschaften und Verfahren zu dessen Herstellung

Title (fr)

Substrat doté de caractéristiques de surface repoussant/hydrophobe et son procédé de préparation

Publication

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Application

EP 11004770 A 20110610

Priority

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Abstract (en)

The invention relates to a coated substrate comprising (i) a surface and (ii) a coating, said coating comprising a polymerization product of a monomer according to Formula (I) wherein $m = 1$ to 4 ; $n = 1$ to 5 ; Y represents (CR⁹R¹⁰), R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁹ and R¹⁰ each independently represents: H, OH, halogen, C¹-C⁴ alkyl, C¹-C⁴ alkenyl, C¹-C⁴ alkynyl, C¹-C⁴ dienyl, C¹-C⁴ alkoxy or C¹-C⁴ alkyl halide and R⁸ represents H, halogen, C¹-C⁴ alkyl, C¹-C⁴ polyhydroxyalkyl or hydroxyalkyl, C¹-C⁴ alkenyl, C¹-C⁴ dienyl, C¹-C⁴ alkynyl, C¹-C⁴ haloalkyl, C¹-C⁴ aldehyde, C¹-C⁴ ketone, C¹-C⁴ epoxide, C¹-C⁴ carboxylic acid, C¹-C⁴ ester, CH=CHR¹¹, where R¹¹ is H, halogen, C¹-C⁴ alkyl, C¹-C⁴ haloalkyl, C¹-C⁴ aldehyde, C¹-C⁴ ketone, C¹-C⁴ alkoxy, C¹-C⁴ epoxide, C¹-C⁴ carboxylic acid, or C¹-C⁴ ester, or OR¹², where R¹² is C¹-C⁴ alkyl, C¹-C⁴ alkenyl, C¹-C⁴ dienyl, C¹-C⁴ alkynyl, C¹-C⁴ haloalkyl, C¹-C⁴ aldehyde, C¹-C⁴ ketone, C¹-C⁴ epoxide, C¹-C⁴ carboxylic acid, or C¹-C⁴ ester.

IPC 8 full level

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Citation (applicant)

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